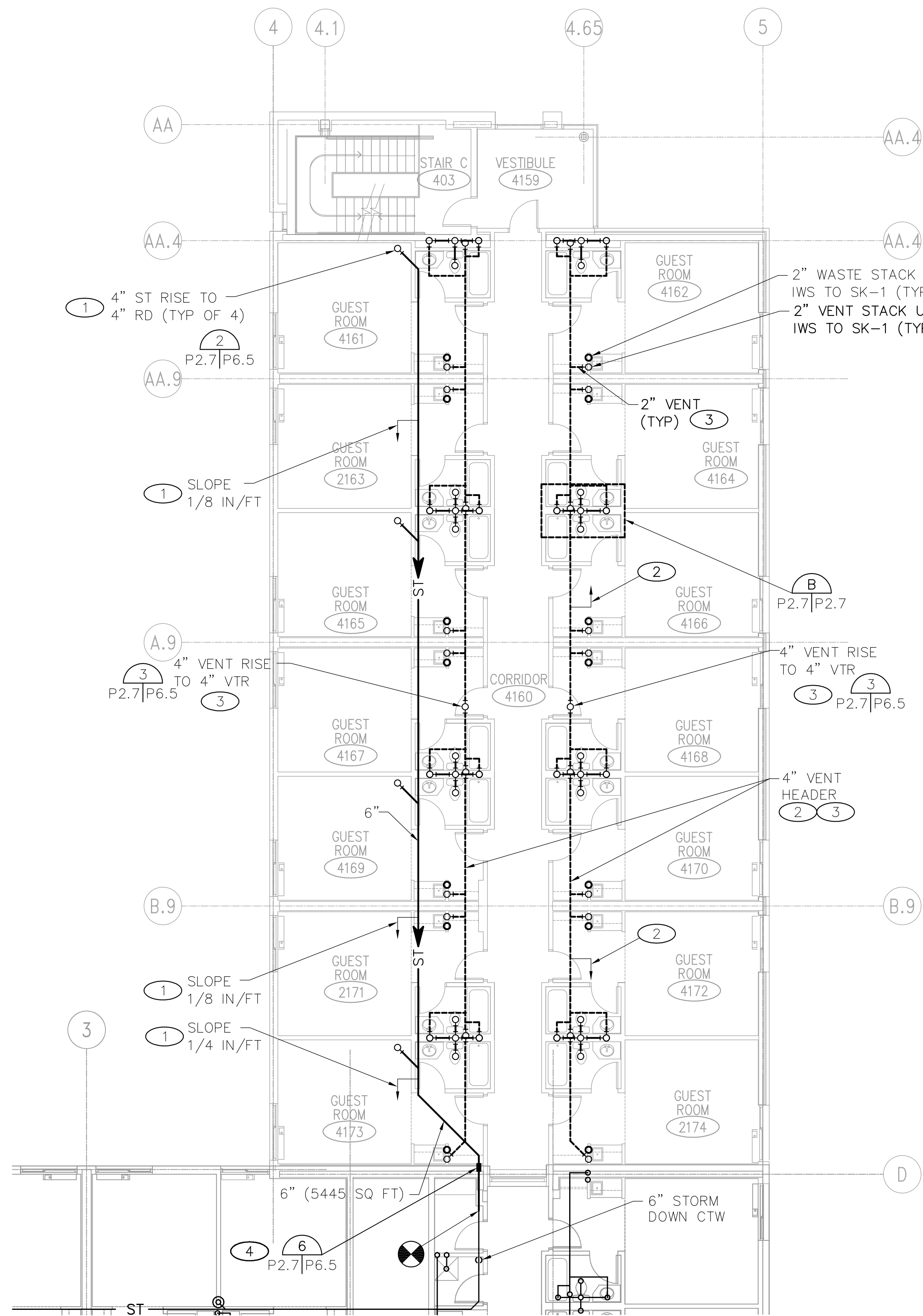


WEST WING UNDERGROUND SANITARY PLUMBING PLAN

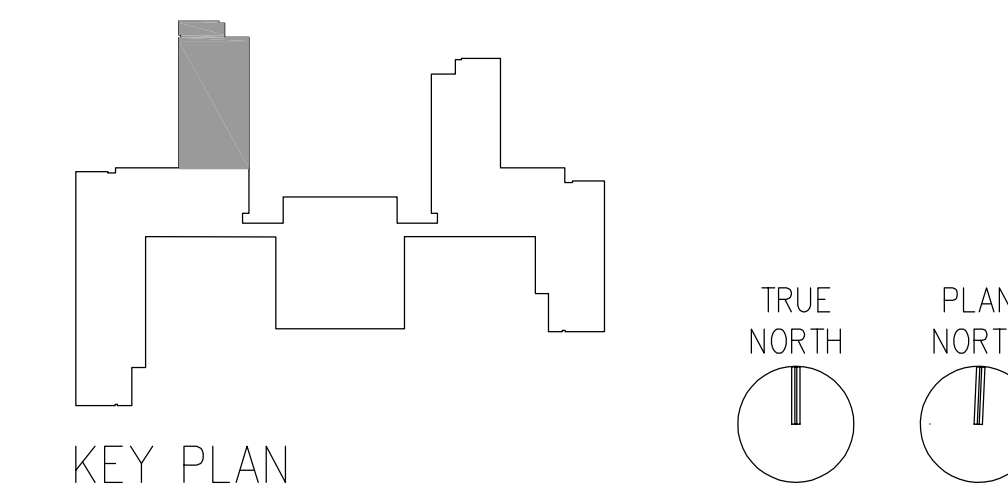
SCALE - 1:100



WEST WING 2nd, 3rd & 4th FLOOR WASTE & VENT PLAN

SCALE - 1:100

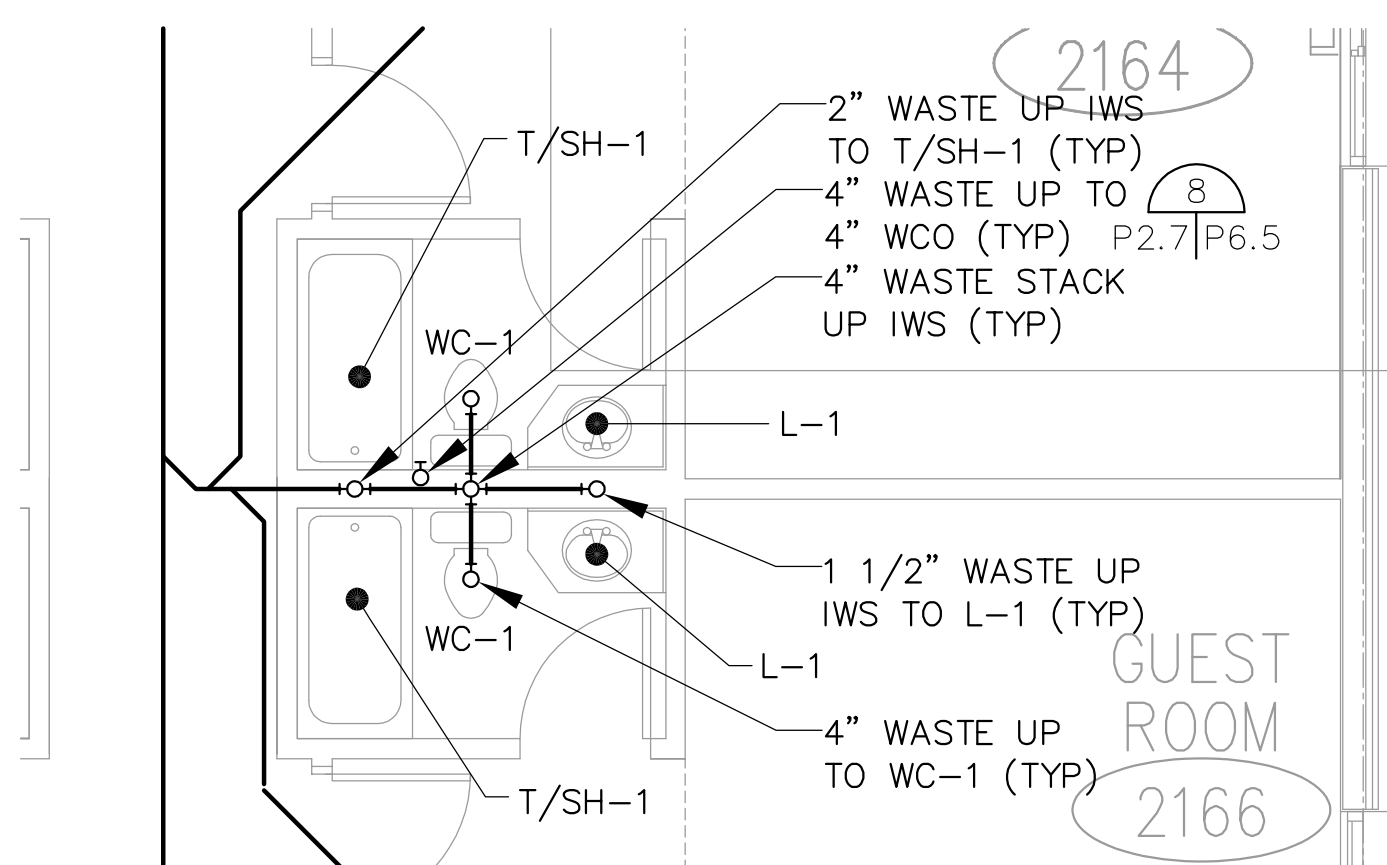
- GENERAL NOTES:**
- THIS SECOND FLOOR PLUMBING PLAN IS REPRESENTATIVE OF THE THIRD AND FOURTH FLOORS ABOVE. ALL PLUMBING SYSTEMS ON THE THIRD AND FOURTH FLOORS ARE IDENTICAL TO THIS FLOOR PLAN. ROOM NUMBERS FOR THE FLOORS ABOVE ARE SEQUENTIAL, SUCH THAT. THE FIRST DIGIT IN THE ROOM NUMBER REPRESENTS FLOOR LEVEL.
- KEYED NOTES:**
- ROOF DRAINS AND THEIR HORIZONTAL LEADERS SHOWN HERE ARE APPLICABLE TO 4TH FLOOR CEILING ONLY.
 - VENT HEADER BELOW ROOF SLOPE AT 1/8" PER FOOT AWAY FROM VENT THROUGH ROOF (TYP).
 - 4TH FLOOR CEILING ONLY.
 - REFER TO ARCHITECTURAL DRAWINGS FOR FIREWALL LOCATIONS.



2000 1000 0 2000 4000
SCALE: 1 : 50
4000 2000 0 4000 8000
SCALE: 1 : 100

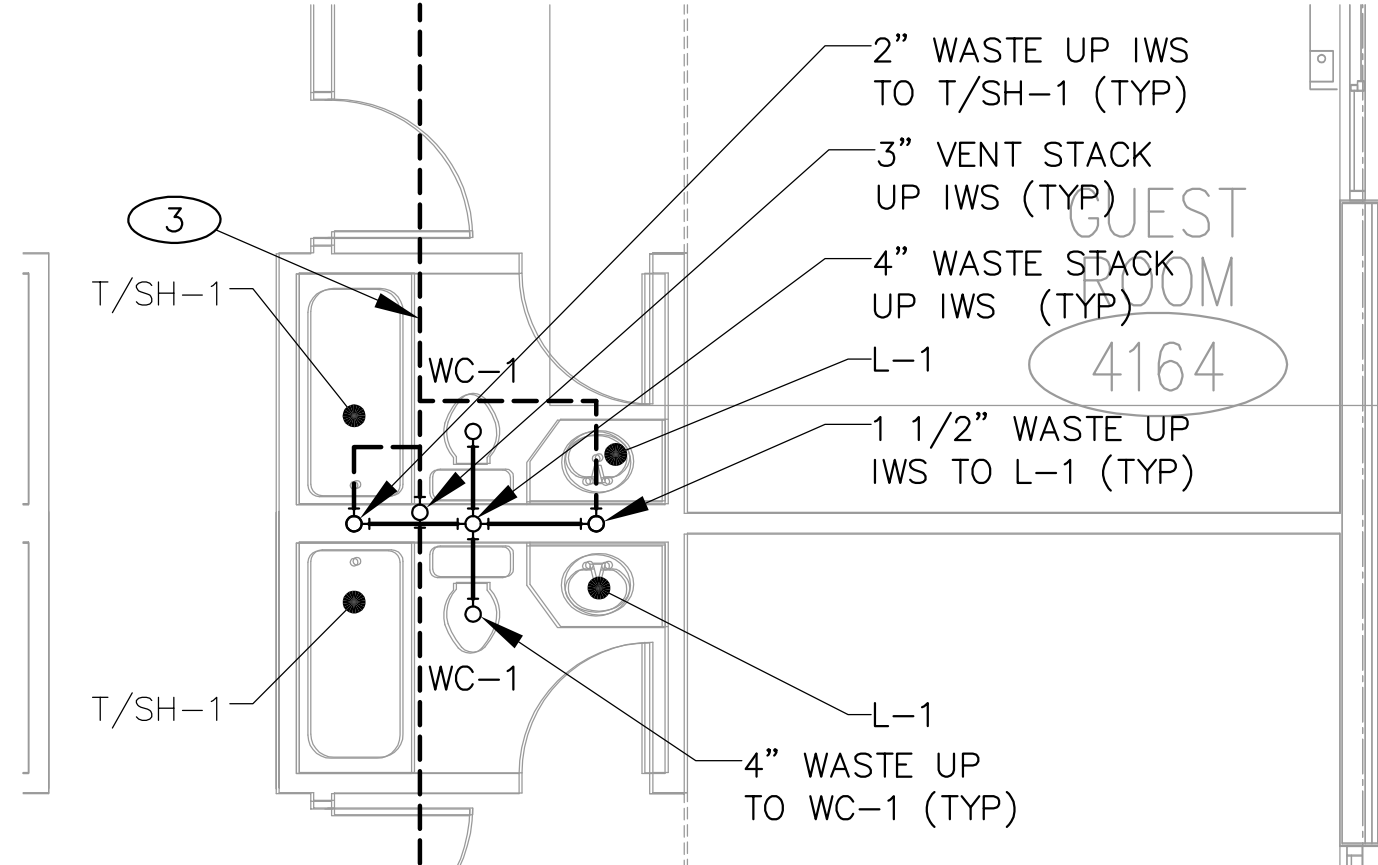
I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered architect under the laws of the State of Minnesota.
For: Mead & Hunt
By: [Signature]
Title: Project Manager
Registration No: 22452

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.



TYP UNDERGROUND BATHROOM WASTE DETAIL

SCALE - 1:50

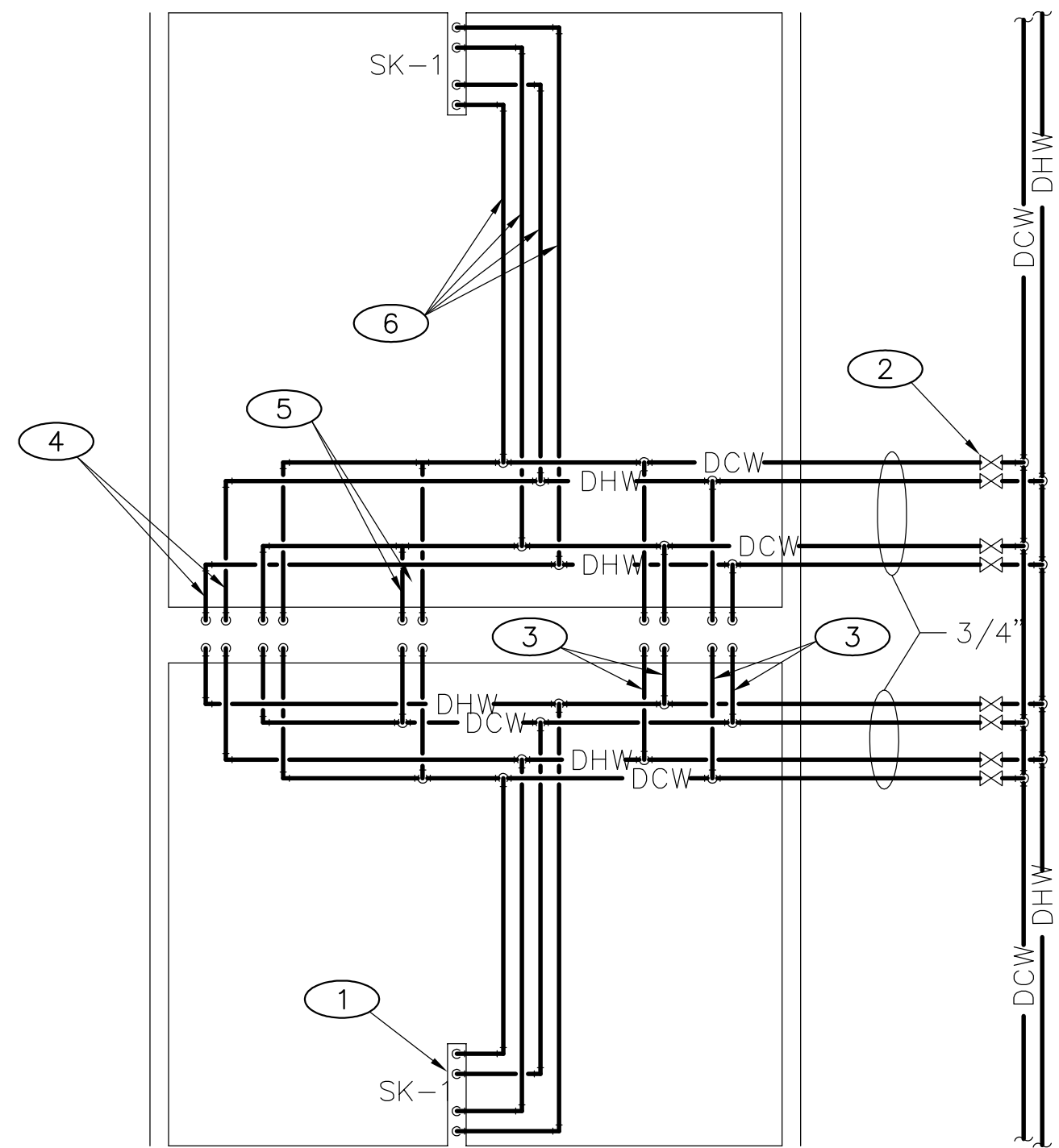
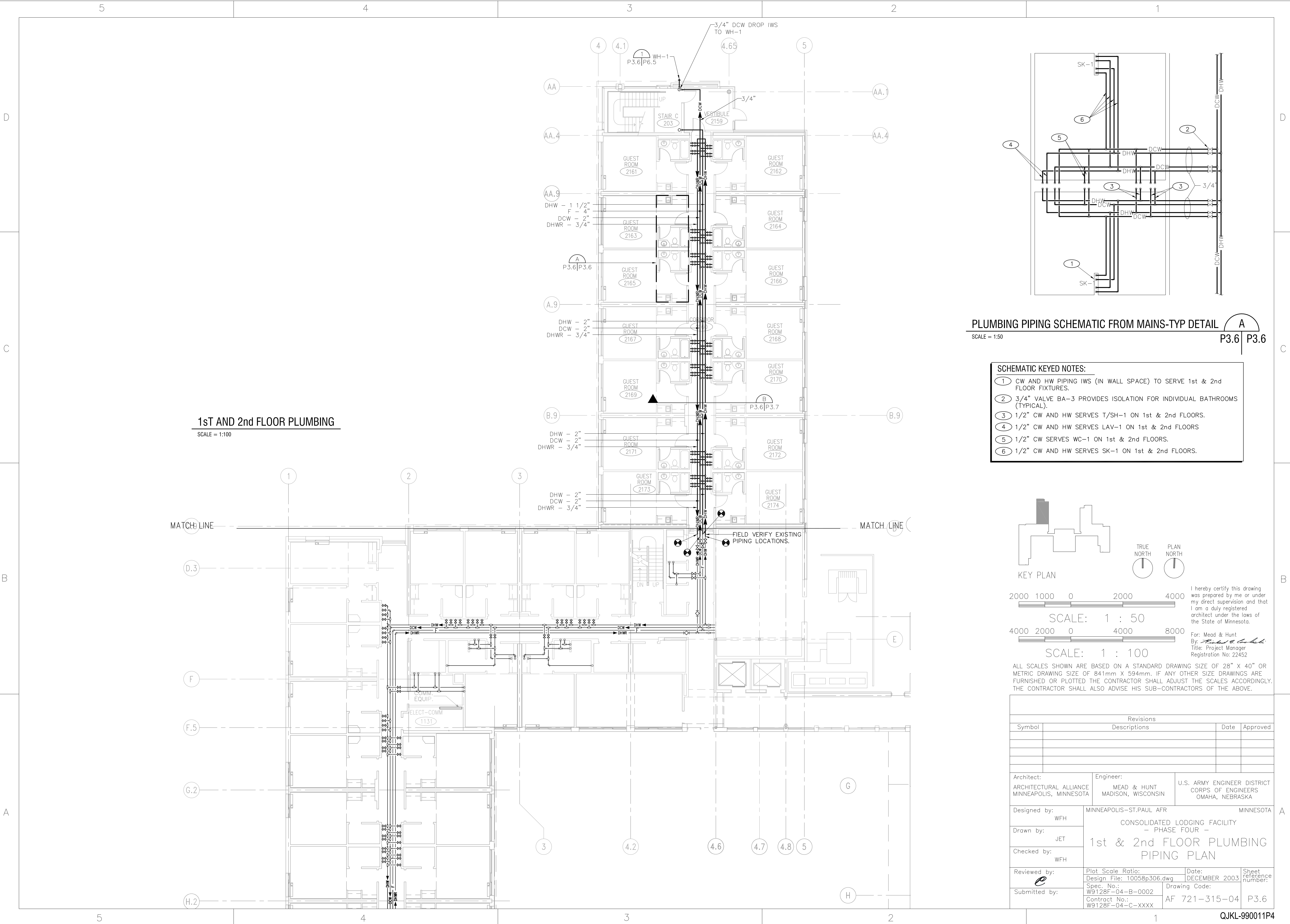


TYP 2nd, 3rd & 4th FLOOR BATHROOM WASTE & VENT DETAIL

SCALE - 1:50

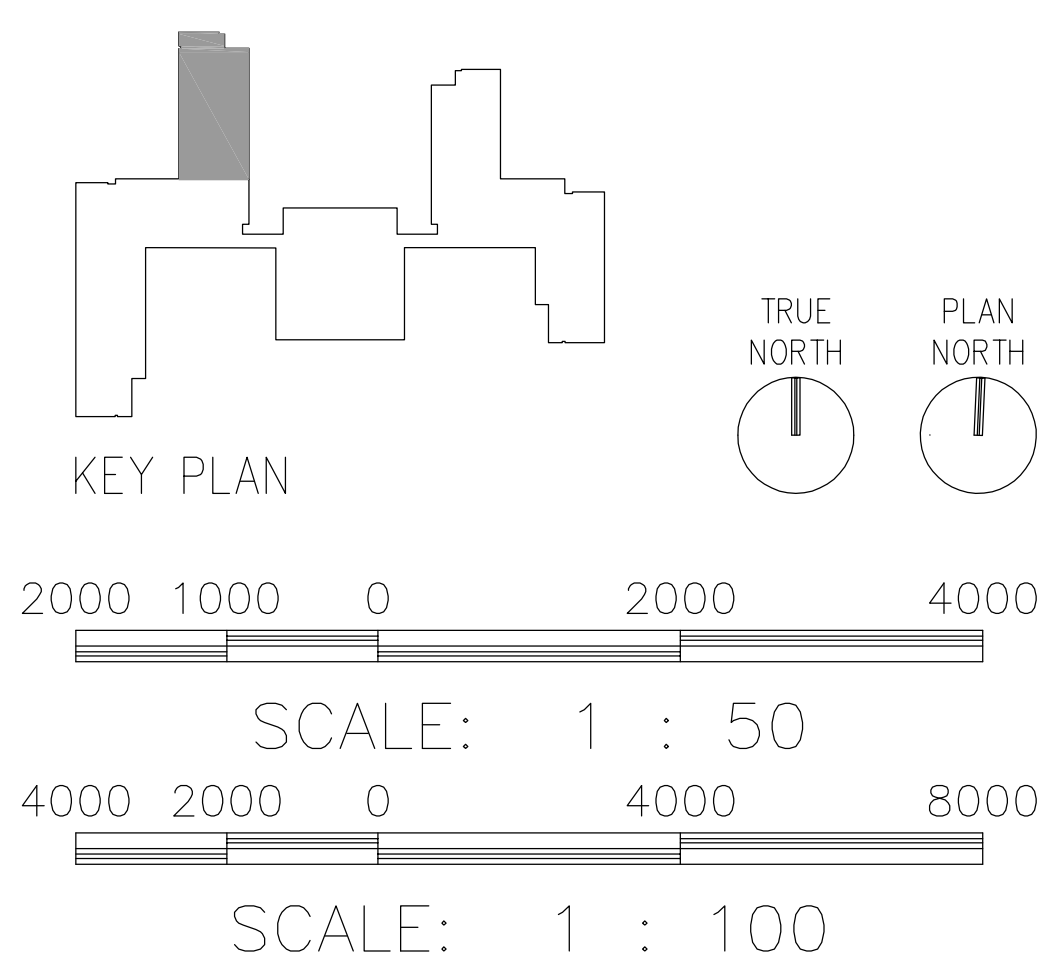
| Revisions | | | |
|--|-----------------------------------|---|---------------|
| Symbol | Descriptions | Date | Approved |
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| | | | |
| Architect: | Engineer: | U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA | |
| ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA | MEAD & HUNT MADISON, WISCONSIN | MINNEAPOLIS-ST. PAUL AFR MINNESOTA | |
| Designed by: | WFH | CONSOLIDATED LODGING FACILITY - PHASE FOUR - UNDERGROUND, 2nd, 3rd, AND 4th FLOOR WASTE & VENT PLUMBING | |
| Drawn by: | JET | | |
| Checked by: | WFH | | |
| Reviewed by: | | Plot Scale Ratio: | Date: |
| Submitted by: | | Design File: 10058p207.dwg | DECEMBER 2003 |
| | | Spec. No.: | |
| | | Contract No.: | |
| | | AF 721-315-04 | P2.7 |

QJKL-990011P4



PLUMBING PIPING SCHEMATIC FROM MAINS-TYP DETAIL **A**
SCALE = 1:50
P3.6 P3.6


- SCHEMATIC KEYED NOTES:**
- ① CW AND HW PIPING IWS (IN WALL SPACE) TO SERVE 1st & 2nd FLOOR FIXTURES.
 - ② 3/4" VALVE BA-3 PROVIDES ISOLATION FOR INDIVIDUAL BATHROOMS (TYPICAL).
 - ③ 1/2" CW AND HW SERVES T/SH-1 ON 1st & 2nd FLOORS.
 - ④ 1/2" CW AND HW SERVES LAV-1 ON 1st & 2nd FLOORS
 - ⑤ 1/2" CW SERVES WC-1 ON 1st & 2nd FLOORS.
 - ⑥ 1/2" CW AND HW SERVES SK-1 ON 1st & 2nd FLOORS.

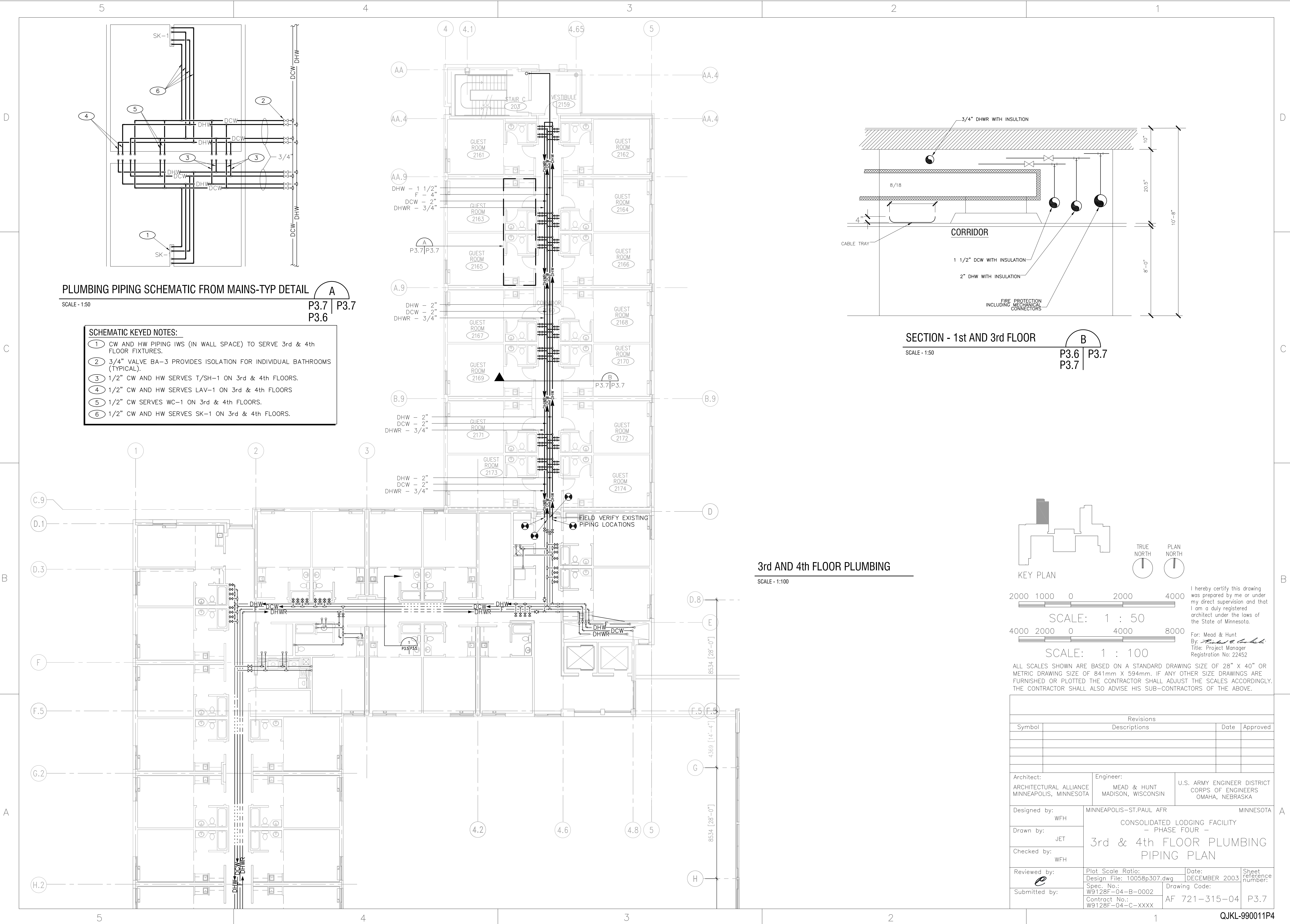


I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered architect under the laws of the State of Minnesota.

For: Mead & Hunt
By: *[Signature]*
Title: Project Manager
Registration No: 22452

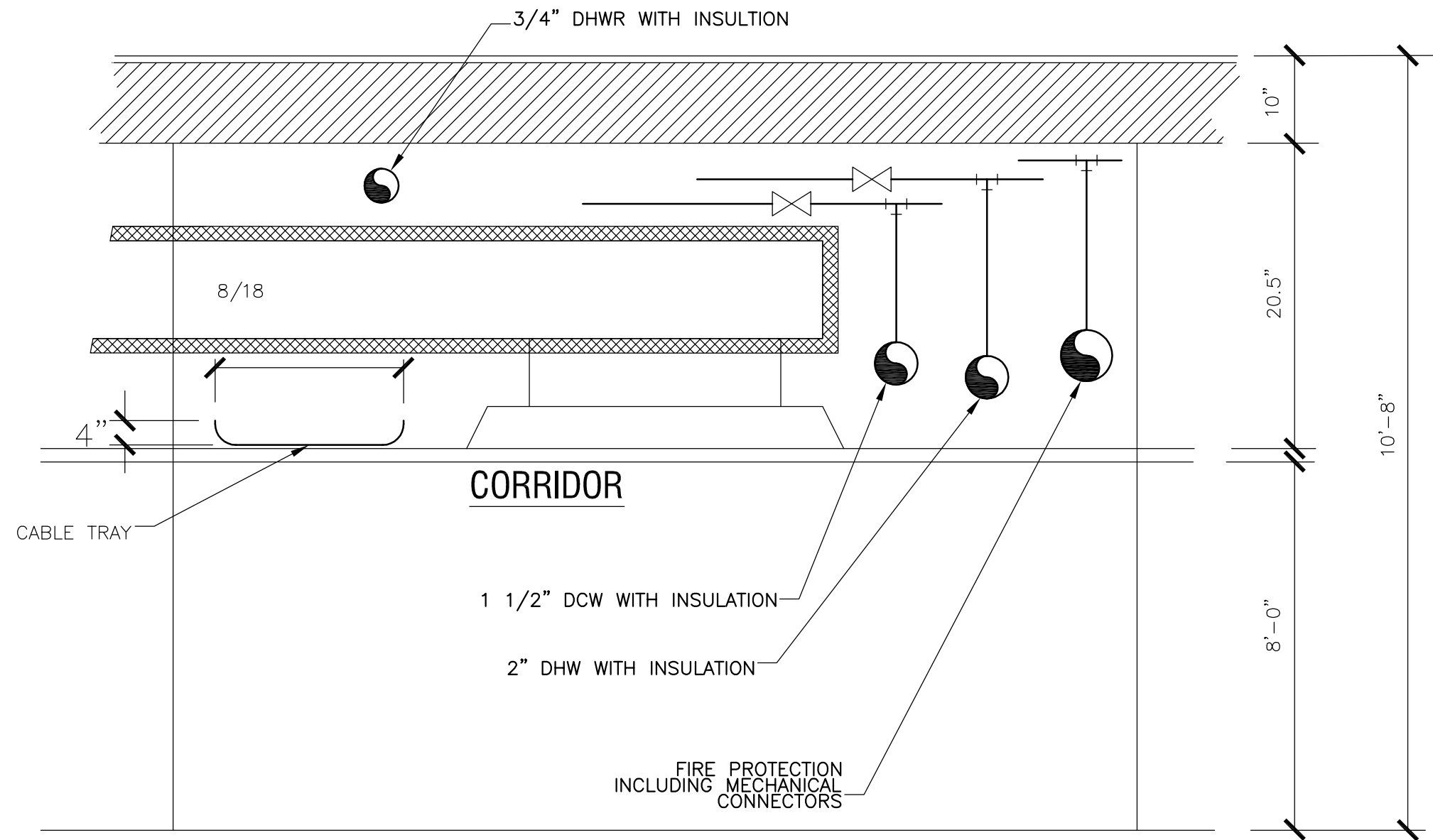
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| Revisions | | | |
|---|--------------|-----------------------------------|--|
| Symbol | Descriptions | Date | Approved |
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| | | | |
| Architect: | | Engineer: | U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA |
| ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA | | MEAD & HUNT MADISON, WISCONSIN | |
| Designed by: | | MINNEAPOLIS—ST. PAUL AFR | |
| WFH | | MINNESOTA | |
| CONSOLIDATED LODGING FACILITY — PHASE FOUR — | | | |
| Drawn by: | | 1st & 2nd FLOOR PLUMBING | |
| JET | | PIPING PLAN | |
| Checked by: | | | |
| WFH | | | |
| Reviewed by: | | Plot Scale Ratio: | Date: |
|  | | Design File: 10058p306.dwg | DECEMBER 2003 |
| Submitted by: | | Spec. No.: | Sheet reference number: |
| | | W9128F-04-B-0002 | |
| | | Contract No.: | |
| | | W9128F-04-C-XXXX | AF 721-315-04 |
| | | | P3.6 |



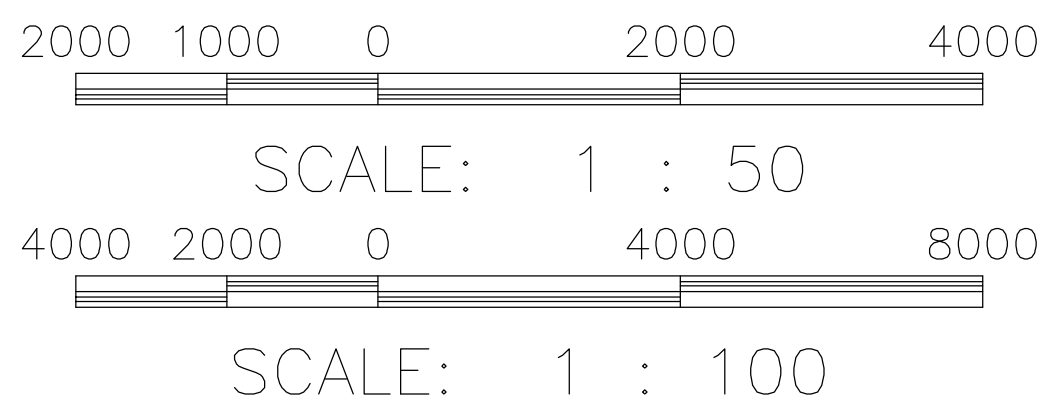
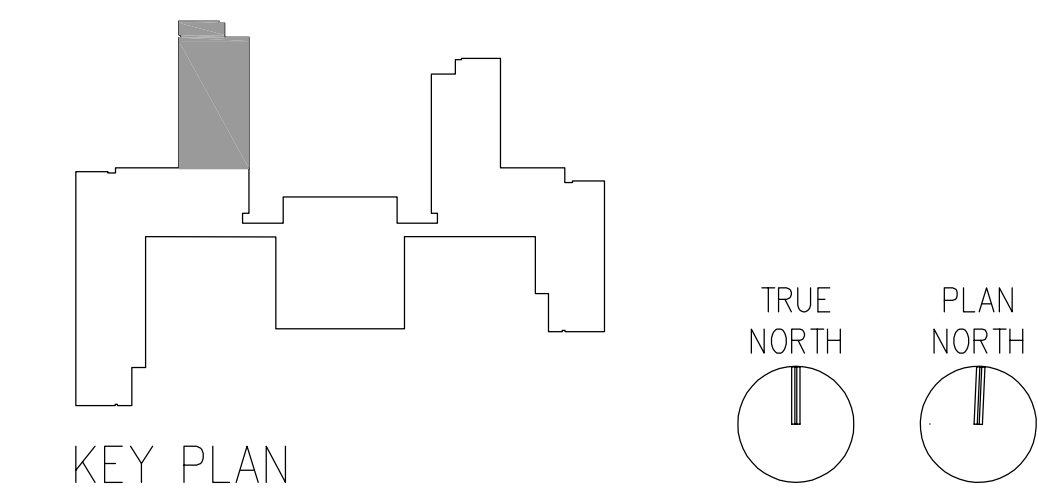
PLUMBING PIPING SCHEMATIC FROM MAINS-TYP DETAIL
SCALE - 1:50
P3.7 | P3.6

- SCHEMATIC KEYED NOTES:**
- 1 CW AND HW PIPING IWS (IN WALL SPACE) TO SERVE 3rd & 4th FLOOR FIXTURES.
 - 2 3/4" VALVE BA-3 PROVIDES ISOLATION FOR INDIVIDUAL BATHROOMS (TYPICAL).
 - 3 1/2" CW AND HW SERVES T/SH-1 ON 3rd & 4th FLOORS.
 - 4 1/2" CW AND HW SERVES LAV-1 ON 3rd & 4th FLOORS
 - 5 1/2" CW SERVES WC-1 ON 3rd & 4th FLOORS.
 - 6 1/2" CW AND HW SERVES SK-1 ON 3rd & 4th FLOORS.



SECTION - 1st AND 3rd FLOOR
SCALE - 1:50
P3.6 | P3.7

3rd AND 4th FLOOR PLUMBING
SCALE - 1:100

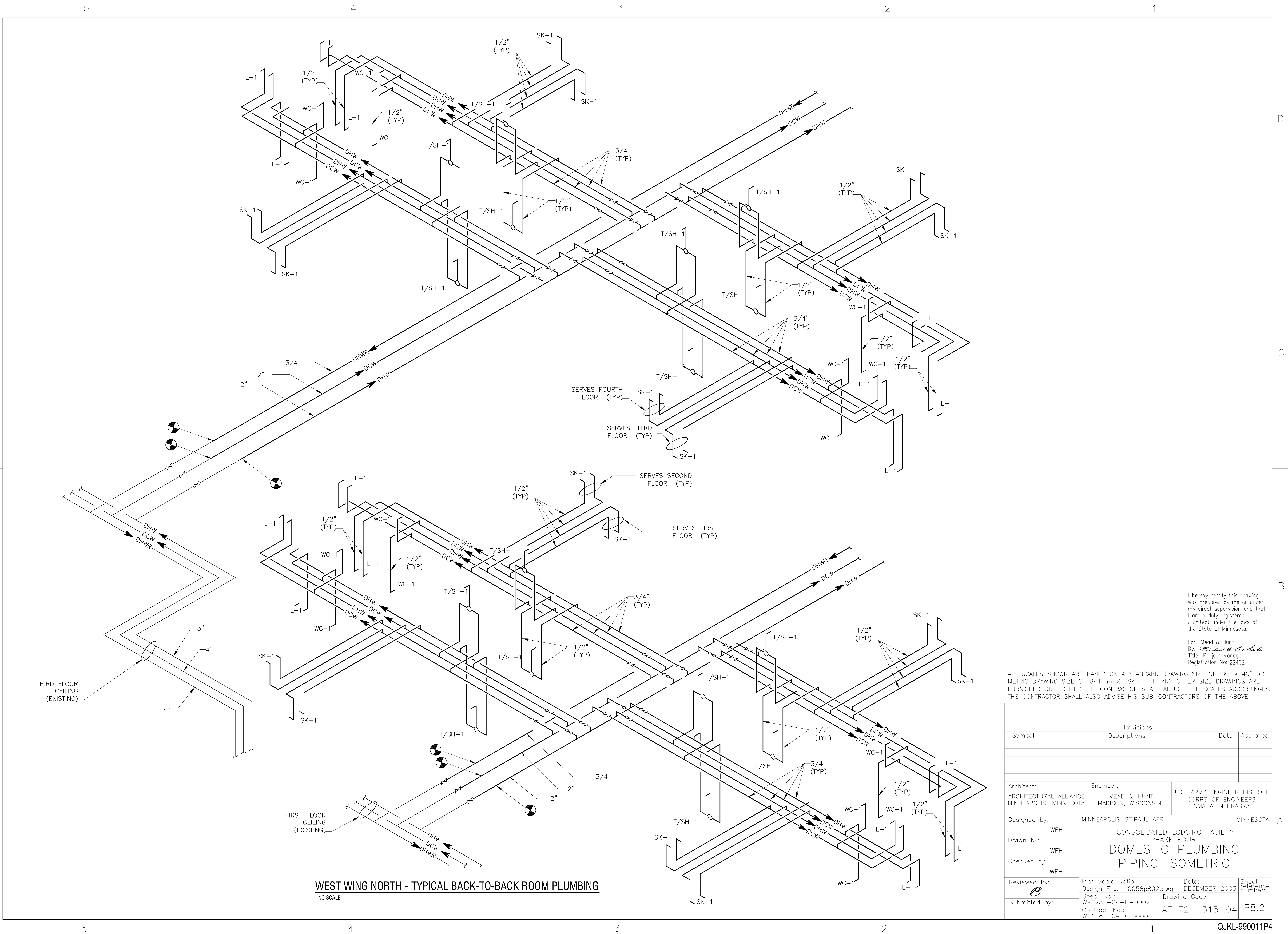


I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered architect under the laws of the State of Minnesota.

For: Mead & Hunt
By: *[Signature]*
Title: Project Manager
Registration No: 22452

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| Revisions | | | |
|--|---|--|--|
| Symbol | Descriptions | Date | Approved |
| | | | |
| | | | |
| | | | |
| Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA | | Engineer: MEAD & HUNT MADISON, WISCONSIN | U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA |
| Designed by: WFH | MINNEAPOLIS-ST. PAUL AFR MINNESOTA | | |
| Drawn by: JET | CONSOLIDATED LODGING FACILITY - PHASE FOUR - | | |
| Checked by: WFH | 3rd & 4th FLOOR PLUMBING PIPING PLAN | | |
| Reviewed by: <i>[Signature]</i> | Plot Scale Ratio: Design File: 10058p307.dwg | Date: DECEMBER 2003 | Sheet reference number: P3.7 |
| Submitted by: | Spec. No.: W9128F-04-B-0002 | Drawing Code: AF 721-315-04 | |
| | Contract No.: W9128F-04-C-XXXX | | |



I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered architect under the laws of the State of Minnesota.

For: Mead & Hunt
By: *Robert C. Smith*
Title: Project Manager
Registration No: 22452

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| Revisions | | | |
|---|--------------|--|-----------------------------|
| Symbol | Descriptions | Date | Approved |
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| | | | |
| Architect: | | Engineer: | U.S. ARMY ENGINEER DISTRICT |
| ARCHITECTURAL ALLIANCE | | MEAD & HUNT | CORPS OF ENGINEERS |
| MINNEAPOLIS, MINNESOTA | | MADISON, WISCONSIN | OMAHA, NEBRASKA |
| Designed by: | | MINNEAPOLIS-ST.PAUL AFR MINNESOTA | |
| WFH | | CONSOLIDATED LODGING FACILITY - PHASE FOUR - DOMESTIC PLUMBING PIPING ISOMETRIC | |
| Drawn by: | | | |
| WFH | | | |
| Checked by: | | | |
| WFH | | | |
| Reviewed by: | | Plot Scale Ratio: | Date: |
|  | | Design File: 10058p802.dwg | DECEMBER 2003 |
| Submitted by: | | Spec. No.: | Sheet |
| | | W9128F-04-B-0002 | reference |
| | | Contract No.: | number: |
| | | W9128F-04-C-XXXX | AF 721-315-04 P8.2 |

WEST WING NORTH - TYPICAL BACK-TO-BACK ROOM PLUMBING
NO SCALE